

Modern Protective Coatings, Inc.
Containment Plan Narrative
Dated February 16, 2015

Project Name: Waterbury
Project Number: Vermont Agency of Transportation Project # VT IM 089-2 (43)
Project Description: Cleaning and Painting Bridge Ends and Pier Diaphragms
Competent Person: Joe Kenney
Back-up Competent Person: Scott Roystan and/or Chris Roystan

Contact Information:

Office:	(603) 594-3722	
Joe Kenney	Cell (603) 455-6393	Home (603) 648-2942
Scott Roystan	Cell (603) 620-0261	Home (603) 881-3018
Chris Roystan	Cell (603) 620-0262	Home (603) 595-1609
Resident Engineer, Tom Mancini	Cell (802) 279-0558	Trailer (802) 241-1451
Agency Hazardous Waste Coordinator, Andy Shively	(802) 282-2797	
Beck and Bellucci Superintendent, Louie Menard	(603) 455-0754	Trailer (802) 241-1451

Containment Plan

The General Contractor, Beck and Bellucci, will install pier brackets and a wooden deck for a containment floor. We will install wooden bulkheads between the beams and we will utilize impermeable containment tarps, which will be constructed of canvas or nylon (Sherwin Williams HangTuf) or reinforced plastic (Monarflex Brand), which will be secured to the bulkheads and the decking using spruce strapping. We will ventilate the containment using a 30,000 cfm IPec dust collector. These materials meet the design specifications of SSPC class 1A containment.

The scope of work involves total removal of existing lead based coatings only in the areas where new diaphragms are to be installed. Grit load will be minimal and the spent abrasive will be continuously vacuumed back to the recycler. There will not be significant loads on the work platform due to the small areas to be cleaned and painted.

The containment will be lit during blasting by Western Technology blast lights attached to the blast hoses. For lighting during painting we will utilize 500-watt halogen lights if necessary. Containment tarps will be dropped in the event of sustained winds of 40 mph or greater. Drawings, materials cut sheets, and photos are attached.

**Modern Protective Coatings, Inc.
Waste Management Plan Narrative
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Waste Management Plan

To satisfy the requirements of this section, refer to the Modern Protective Coatings' site specific Environmental Compliance and Waste Management Plan. Hazardous waste will be stored on site, in a locked container box and disposed of by a licensed transporter, at a licensed Treatment, Storage, and Disposal (TSD) facility.

Non-hazardous waste will be transported by Modern Protective Coatings, and disposed of at our shop facilities.

Permits

A copy of the Vermont Department of Health site specific Lead Abatement Permit will be provided as soon as we receive it.



HangTuf
Containment

TARPS

CN-1 FR Coated 6.5 oz. | Class: 1,2,&3

Material Type	Airbag
Thread Count Per Inch	41x41
Weave	Plain
Thickness	14 mils
Weight Coated	6.5 oz./yd.2
Tensile Strength ASTM D-5034-5 Grab Method	Warp: 535 lbs. Fill: 507 lbs.
Tear Strength ASTM D-4533-91 Trap Method	Warp: 151 lbs. Fill: 122 lbs.
Burst Strength ASTM D-3786 Mullen	1,050 PSI
Flame Resistance	FMVSS 302 PASS

Physical Tests are Based on Uncoated Fabrics. These Values are Typical Data and are not Intended as Limiting Specifications.

- Custom Designs Available
- Standard Sizes in Deluxe Construction Available
- Grommet Spacing: To Customer Spec (Standard Every 2 ft.)
- Hem & Seam Construction: Heat Sealed or Double Stitched
- 2" Nylon Webbing Reinforcement for Stitched Hems & Seams
- Priced By Square Foot

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TARPS



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Features

- **Lightweight materials • Easy to handle**
- **Wide variety of materials available**
- **Water repellent, solvent resistant & UV stabilized**
- **Exceptional strength**

Benefits

- **Provides a controlled work environment**
- **Contains blasting media, paint and debris**
- **Aides in reducing clean-up expenses**
- **Class 1, 2, 3 and 4 Compliant**

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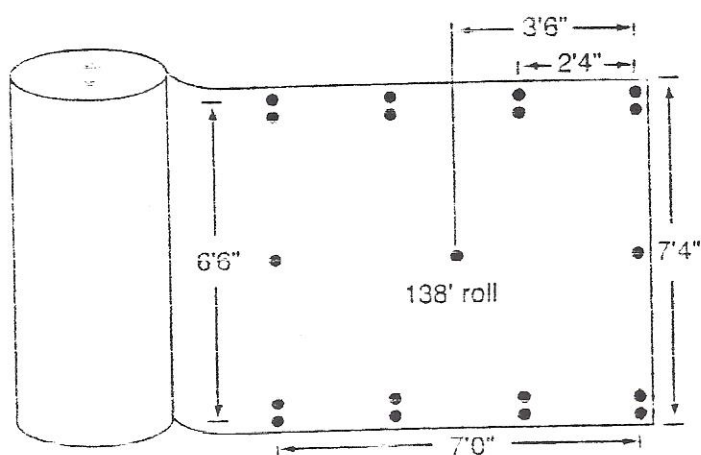
T-Plus Scaffold Sheeting

T-Plus is the ultimate in scaffold sheeting. Made of reinforced 10 mil thick low density polyethylene (LDPE), T-Plus has a 1500 denier scrim, making it extremely durable, yet manageable and easy to use.

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T-Plus is designed to withstand high winds, and can be used in temperatures ranging from -40° (F) to +140° (F). The versatility and durability of T-Plus, combined with its environmental qualities has established T-Plus as a market leader in many countries over the last 20 years.

T-Plus is the ideal material for projects requiring full containment, including steel structure maintenance involving blasting and painting, as well as general construction projects.



Approximate dimensions

TECHNICAL DETAILS

Composition: LDPE reinforced with 1500 denier polyester yarn

Roll Size: 7'4" x 138'

Roll Weight: 67 lbs.

Thickness: 10 mil

Scrim: 1500 denier

Color: Clear

Usable in Temperatures: -40° (F) to +140° (F)

Light Transmitting: 90%

UV Resistance: Maximum UV resistance

Tensile Strength: 10KN/M

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- The most horse power and largest blower available in the industry which allows the contractor to ventilate efficiently through long lengths of flexible ducting
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SPECIFICATIONS

Air rate per unit	30,000 CFM @ 16" Wg
Efficiency	99.9% @ .5 microns
Type of dust collector	Reverse Pulse Jet
Type of filter elements	Cartridge type side access externally removable
Number of cartridges	42
Filter media area	10,000 sq. ft.
Air-to-cloth ratio	2.9:1
Ducting connections	4-20" diameter
Arrangement of cartridges	Horizontal
Fan conditions.....	Spark resistant type C, class IV blower Non-over loading variable speed
Type of drive	Banded V-belt driven with clutch
Type of engine	Water cooled diesel, 115 peak Hp @ 2400 RPM 103 Hp continous
Air required / total	76 cfm @ 90 psi
Fuel tank	74 gal. 12.9 hour capacity
Product conveyor	Screw conveyor empties into 55 gal. drums
Conveyor drive.....	1 Hp air motor/optional electric 110V AC
Skid mounted.....	22'L x 8'W x 13'6"H — 11,000 lbs.
Trailer mounted	30'L x 8'6"W x 13'6"H — 10 tons DOT approved dual axle electric brakes, pintle hitch
Electrical.....	12V DC controls